

CLAIMS

1. A method in a system for selection and
 5 presentation of information, comprising the steps of:
 receiving a presentation unit specification at a
 handheld device via a short-range wireless connection
 from a communication device for a presentation unit,
 sending a document address and said presentation
 10 unit specification from the handheld device via a network
 to a device that handles presentation requests,
 receiving said document address and presentation
 unit specification at the device that handles
 presentation requests,
 15 retrieving, at the device that handles presentation
 requests, the document corresponding to said document
 address,
 converting, at the device that handles presentation
 requests, the retrieved document to a format suitable for
 20 the presentation unit,
 sending the converted document from the device that
 handles presentation requests via a network to the
 communication device for a presentation unit, and
 receiving said converted document at the
 25 communication device for a presentation unit.
2. A method according to claim 1, wherein said
 communication device for a presentation unit passes said
 converted document to a presentation unit connected to
 said communication device for a presentation unit.
- 30 3. A method according to claim 1, wherein said
 presentation unit specification at least comprises a
 presentation address, to which the presentation document
 can be sent for presentation, and data indicating a
 format suitable for presentation at the presentation
 35 unit.
4. A method according to claim 1, wherein the step
 of converting comprises the steps of:

Sub
B1

0054004-001500

reading the presentation unit specification, and
determining the format in which the document is
saved,

5 selecting a conversion method in accordance with the
contents of the presentation unit specification and the
format in which the document is saved,

converting the document by means of the selected
conversion method.

Sub B1 7
10 5. A method according to claim 1, wherein the
presentation address is an e-mail address and wherein the
converted document is sent to the presentation unit via
an e-mail server.

6. A system for selection and presentation of
information, comprising:
15 a handheld device, enabled to present information
retrieved from an information provider on a screen in the
handheld device, including:

an I/O-interface for short-range wireless
communication with a communication device for a
presentation unit,
20

means for receiving a presentation unit
specification via said I/O-interface for short-range
communication,

25 means for sending a document address to a
device that handles presentation requests, and

means for sending a received presentation unit
specification to a device that handles presentation
requests,

a device that handles presentation requests,
30 including:

means for receiving a document address,
referring to a document that is to be presented,
from a handheld device,

35 means for receiving a presentation unit
specification from a handheld device,

means for retrieving the document corresponding
to the document address,

means for converting the retrieved document to a format that is suitable for the presentation unit according to the presentation unit specification, and

5 means for sending the converted document to the presentation address,
a communication device for a presentation unit, including:

10 an I/O-interface for short-range wireless communication with a handheld device,

means for sending a presentation unit specification via said I/O-interface for short-range wireless communication, and

15 means for receiving information to be presented by a presentation unit.

7. A system according to claim 6, wherein said presentation unit specification at least comprises a presentation address, to which the presentation document can be sent for presentation, and data indicating a
20 format suitable for presentation at the presentation unit.

8. A system according to claim 6, wherein said means for converting comprises:

25 a plurality of conversion means, and
means for selecting one conversion means, of the plurality of conversion means, in accordance with the presentation unit specification.

9. A system according to claim 6, wherein said means for converting further comprises:

30 means for determining the format of the document, and

means for interpretation of the format of the document.

35 10. A system according to claim 6, wherein said communication device for a presentation unit is provided with an I/O interface for communication over a network.

11. A system according to claim 10, further comprising an e-mail server and wherein the presentation address is an e-mail address.

12. A method for a device that handles presentation requests, comprising the steps of:

receiving a document address referring to a document that is to be presented,

receiving a presentation unit specification,

retrieving the document corresponding to the

document address,

converting the retrieved document to a format that is suitable for the presentation unit, and

sending the converted document.

13. A method according to claim 12, wherein said presentation unit specification at least comprises a presentation address, to which the presentation document can be sent for presentation, and data indicating a format suitable for presentation at the presentation unit.

14. A method according to claim 12, wherein the document address and the presentation unit specification is received via a network.

15. A method according to claim 12, wherein the step of converting comprises the steps of

reading the presentation unit specification, determining the format in which the document is saved,

selecting a conversion method in accordance with the contents of the presentation unit specification and the format in which the document is saved, and

converting the document by means of the selected conversion method.

16. A method according to claim 12, wherein the retrieved document is converted to a format suitable for printing by means of a printer.

17. A method according to claim 12, wherein the converted document is sent over a network to be presented by means of a presentation unit.

18. A method according to claim 17, wherein the converted document is sent by e-mail, addressed to the presentation unit.

19. A method according to claim 17, wherein the converted document is sent to a presentation unit.

20. A device that handles presentation requests, comprising:

means for receiving a document address referring to a document that is to be presented,

means for receiving a presentation unit specification,

means for retrieving the document corresponding to the document address,

means for converting the retrieved document to a format that is suitable for the presentation unit according to the presentation unit specification, and

means for sending the converted document to the presentation unit.

21. A device according to claim 20, wherein said presentation unit specification at least comprises a presentation address, to which the presentation document can be sent for presentation, and data indicating a format suitable for presentation at the presentation unit.

22. A device according to claim 20, wherein said means for receiving a document address and said means for receiving a presentation unit specification are arranged for receiving the address and the specification over a network.

23. A device according to claim 20, wherein said means for converting comprises:

a plurality of conversion means, and

means for selecting one conversion means, of the plurality of conversion means, in accordance with the presentation unit specification.

24. A device according to claim 22, wherein said
5 means for converting further comprises:

means for determining the format of the document,
and

means for interpretation of the format of the
document.

Sub
B1
10 25. A device according to claim 20, wherein said
means for receiving the document address and said means
for receiving a presentation unit specification are
arranged to receive the data via a network, and

15 said means for sending the converted document is
arranged to send the data via a network.

26. A computer program product directly loadable
into the memory of a digital computer, comprising
software code portions for performing the steps of claim
12 when said product is run on a computer.

20 27. A method for a communication device for a
presentation unit, said method comprising the steps of:
receiving a request of a presentation unit
specification,

25 sending, after receiving the request, the requested
specification, and

receiving, after sending the requested
specification, a document for presentation by the
presentation unit.

30 28. A method according to claim 27, wherein the
received request is received over a short-range wireless
connection, and wherein the requested specification is
sent via a short-range wireless connection.

29. A method according to claim 27, wherein the
received document is received via a network.

35 30. A method according to claim 27, further
comprising the step of making the presentation unit
present the received document.

31. A method according to claim 30, wherein the step of making the presentation unit present the received document comprises passing the document to a printout process in a printer.

5 32. A method according to claim 27, comprising the step of checking a mailbox for presentation documents at predetermined time intervals.

33. A communication device for a presentation unit, comprising:

10 an I/O-interface for short-range wireless communication,

means for receiving a request regarding a presentation unit specification via said I/O-interface for short-range wireless communication,

15 means for sending the presentation unit specification,

means for receiving information to be presented by a presentation unit, and

20 means for making the presentation unit present the received information.

34. A device according to claim 33, further comprising an I/O interface for a network connection.

35. A device according to claim 33, wherein the presentation unit is a printer.

25 36. A method for a handheld device, enabled to present information retrieved from an information provider on a display in the handheld device, for presenting information on a presentation unit separate from the handheld unit, said method comprising the steps of:

30 receiving a presentation unit specification via a short-range wireless connection from a communication device for the presentation unit,

35 sending an address of a selected information document to a device handling presentation requests, and

sending the presentation unit specification to the device handling presentation requests.

37. A method according to claim 36, further comprising the step of requesting a presentation unit specification via the short-range wireless connection as a response to a selection of a presentation unit.

5 38. A method according to claim 36, further comprising the step of broadcasting an identity request via the short-range wireless connection for identification of presentation units nearby.

10 39. A handheld device, enabled to present information retrieved from an information provider on a display in the handheld device, for presenting information on a presentation unit separate from the handheld unit, the handheld device comprising:

15 an I/O-interface for short-range communication, means for receiving a presentation unit specification via said I/O-interface for short range communication,

20 means for selecting the information accessible from the information provider to be presented on the presentation unit,

means for sending a request for presenting the information on the presentation unit, and

means for sending the presentation unit specification.

25 40. A handheld device according to claim 39, further comprising means for broadcasting a identity request via said I/O interface for short-range communication.

Sub
B1

005480 1406960